

ABSTRACT

Method for the positioning and fixing of a component.

Prior receiving devices comprise a plate-shaped recess in the interior, into which a plastic part that is to be welded is laid. Since the dimensions of the laid-in plastic parts can vary, the plastic part can slip during the vibrational friction welding despite the pressure that has built up, thus worsening the welding duration and the welding result. The new receiving device is to reliably prevent the slipping of the plastic part.

To adapt the receiving device to the plastic part in a positive form-fitting manner, the receiving device comprises clamping jaws, between which the plastic part is clamped-in in a positive form-fitting manner during the build-up of the pressure.

A receiving device of this type is used predominantly for the closing of housings, in which sensitive electronic circuits, especially in the field of motor vehicle electronics, are arranged.